

Listing of Claims

The following listing of claims will replace all prior versions, and listings, of claims in the subject application:

1. (currently amended) A signal processing apparatus comprising:
 - a digital signal processor comprising an internal memory part storing a program to be executed;
 - an external memory part storing programs executable in said digital signal processor;
 - a clock signal generating part generating a clock signal and outputting the clock signal to said digital signal processor; and
 - a clock signal control part controlling outputting of said clock signal to said digital signal processor so that said programs stored in said external memory part can be forwarded to said internal memory part,

wherein the control of output of the clock signal is performed without ~~requiring~~ reinitialization of initializing said digital signal processor.
2. (original) The signal processing apparatus as claimed in claim 1, wherein said clock signal control part forwards said programs read from said external memory part to said internal memory after stopping outputting said clock signal to said digital signal processor.
3. (original) The signal processing apparatus as claimed in claim 1, wherein said clock signal control part comprises a forward circuit part and a clock control part, said clock control

part stops outputting said clock signal to said digital signal processor after said forward circuit part supplies said clock control part with a signal requesting that said clock control part stops outputting said clock signal to said digital signal processor so that said programs stored in said external memory part can be forwarded to said internal memory part.

4. (original) The signal processing apparatus as claimed in claim 3, wherein said clock control part restarts outputting said clock signal to said digital signal processor after said forward circuit part supplies said clock control part with a signal requesting that said clock control part outputs said clock signal to said digital signal processor when said programs stored in said external memory part are completely forwarded to said internal memory part.

5. (original) The signal processing apparatus as claimed in claim 1, wherein said clock signal control part controls outputting of said clock signal to said digital signal processor in compliance with a request from said digital signal processor.

6. (original) The signal processing apparatus as claimed in claim 1, wherein said clock signal control part controls outputting of said clock signal to said digital signal processor in compliance with a request from an outside of said signal processing apparatus.

7. (original) The signal processing apparatus as claimed in claim 1, wherein said clock signal control part comprises a forward circuit for forwarding a desired part of said programs read from said external memory part to said internal memory.

8. (currently amended) A modem for modulating/demodulating a communication data by using a signal processing apparatus comprising:

 a digital signal processor comprising an internal memory part storing a program to be executed;

 an external memory part storing programs executable in said digital signal processor;

 a clock signal generating part for generating a clock signal and outputting the clock signal to said digital signal processor; and

 a clock signal control part controlling outputting of said clock signal to said digital signal processor so that said programs stored in said external memory part can be forwarded to said internal memory part,

 wherein the control of output of the clock signal is performed without ~~requiring~~ ~~reinitialization of~~ initializing said digital signal processor.

9. (currently amended) The modem as claimed in claim 8, wherein said clock signal control part forwards said programs read from said external memory part to said internal memory after stopping outputting said clock signal to said digital signal processor.

10. (currently amended) The modem as claimed in claim 8, wherein said clock signal control part comprises a forward circuit part and a clock control part, said clock control part stops outputting said clock signal to said digital signal processor after said forward circuit part supplies said clock control part with a signal requesting that said clock control part stops outputting said clock signal to said digital signal processor so that said programs stored in said external memory

part can be forwarded to said internal memory part.

11. (currently amended) The modem as claimed in claim 10, wherein said clock control part restarts outputting said clock signal to said digital signal processor after said forward circuit part supplies said clock control part with a signal requesting that said clock control part outputs said clock signal to said digital signal processor to said clock control part, after said programs stored in said external memory part are completely forwarded to said internal memory part.

12. (currently amended) The modem as claimed in claim 8, wherein said clock signal control part controls outputting of said clock signal to said digital signal processor in compliance with a request from said digital signal processor.

13. (currently amended) The modem as claimed in claim 8, wherein said clock signal control part controls outputting of said clock signal to said digital signal processor in compliance with a request from an outside of said signal processing apparatus.

14. (currently amended) The modem as claimed in claim 8, wherein said clock signal control part comprises a forward circuit for forwarding a desired part of said programs read from said external memory part to said internal memory.

15. (new) The signal processing apparatus as claimed in claim 1, wherein said clock signal control part stops output of said clock signal to said digital signal processor in response to a request from said digital signal processor.

16. (new) The signal processing apparatus as claimed in claim 1, wherein when said clock signal control part stops output of said clock signal to said digital signal processor, said digital signal processor cannot access said internal memory part.

17. (new) The signal processing apparatus as claimed in claim 1, wherein said clock signal control part stops output of said clock signal to said digital signal processor, to cause said digital signal processor to stop executing the program stored in said internal memory part.